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Division of Qualstar®

DIN-rail mounting & Removing

To mount DL on a DIN-rail:

1. Tilt DL and insert the upper flat portion of DIN-rail into the clamping slot of the upper mounting clip.
2. Push DL down until the clamping slot snaps completely on DIN-rail ("click sound").
3. Finished mounting position shown in figure "2".

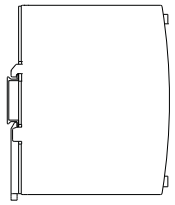


Fig. 2

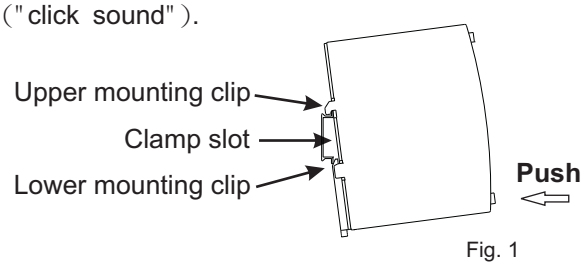
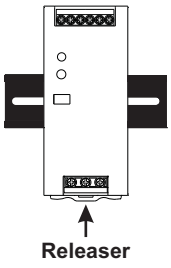


Fig. 1

To remove DL from a DIN-rail:

1. Insert a flat blade screwdriver into the releaser to push down the releaser.
2. Pull DL upward when the releaser is pulled down by the screwdriver.
3. Finished removing position shown in figure "c".



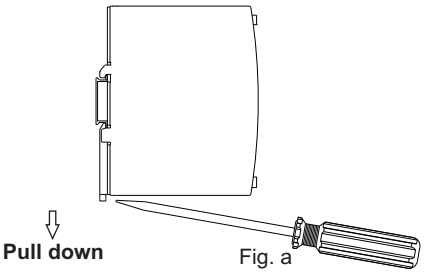


Fig. a

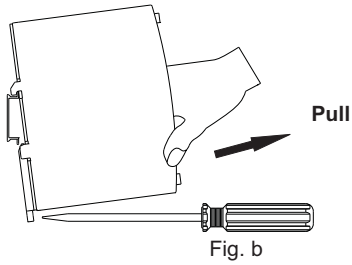


Fig. b

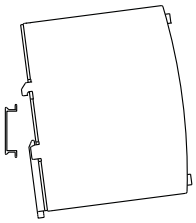


Fig. c

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1. The power supply can be operated at surrounding Air Temperature 50° C at 100% load; 70 C at 50% load.

2. The power supply shall be installed according to specification. The current of load and output power shall not be over the following specified values.

Electrical rating:

Models	Rated Input	Rated Output	Maximum output power
DL150-24	100-240Vac, 2.0A, 50/60Hz	24Vdc, 6.25A	150W
DL150-48		48Vdc, 3.125A	
DL240-24	100-240Vac, 2.6A, 50/60Hz	24Vdc, 10A	240W
DL240-48		48Vdc, 5A	
DL480-24	100-240Vac, 5.2A, 50/60Hz	24Vdc, 20A	480W
DL480-48		48Vdc, 10A	

3. The power supply is a built-in component. During installation into certain equipment, the relevant requirement of EN 60950-1 / IEC 60950 -1, UL 60950-1, UL508 and CSA C22.2 No. 107.1-01 shall be maintained.

4. The creepage distance, clearance and thickness of insulation into certain primary and ground as well as primary and secondary circuits shall comply with the current requirement of EN 60950-1 / IEC 60950 -1, UL 60950-1, UL508 and CSA C22.2 No. 107.1-01.

5. This power supply unit must be connected to the safety ground before using.

6. Wiring terminals shall use Copper Conductors only, 60/75° C, Tightened to 9 pound-inches.

7. The equipment is for installation in a Pollution Degree 2 environment.

Wiring terminals diagram: